A N

AUTHENTICK ACCOUNT

OF THE

Weights, Meaſures, Exchanges, Cuſtoms, Duties, Port-Charges, &c. &c.

And CORRECT

BATTY TABLES.

AN AUTHENTICK ACCOUNT

OF THE

Weights, Measures, Exchange, Coins, Duties,

&c. &c.

OF THE

BARTY TABLE

AN AUTHENTICK ACCOUNT

OF THE

WEIGHTS, MEASURES, EXCHANGES, CUSTOMS, DUTIES, PORT-CHARGES, *&c. &c.* and Correct BATTY TABLES, made uſe of, and paid at the ſeveral Ports of the *Eaſt-Indies*, traded unto by Europeans:

TOGETHER WITH

An Account of all the DIFFERENT COINS (both REAL and IMAGINARY) by which all Accompts in ASIA are kept:

ALSO

The COINS, WEIGHTS, NAMES and TOUCHES of GOLD, Emperor's and Hoppo's DUTIES on the Meaſurage of European Ships; with the DUTIES on all Goods Imported and Exported at CANTON in CHINA.

TO WHICH ARE ADDED,

TABLES, reducing TROY WEIGHTS into CANTON WEIGHTS, and CANTON WEIGHTS into TROY WEIGHTS, for the readier Payment of Silver to the Chineſe Merchants, calculated with the greateſt Exactneſs from One Penny-Weight to 100,000 Ounces, and from One Mace to 100,000 Tales, &c. &c.

Great Part whereof is from the Author's own Experience, and the Remainder compiled from the moſt authentick Accounts, taken by the Armenian and Portugueſe Merchants, who are continually trading from Port to Port in the EAST-INDIES.

The whole being of great Uſe to all Gentlemen trading to thoſe Parts, by preventing the many and too frequent Impoſitions and Frauds committed by the Natives.

By SAMUEL JACKSON.

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A N

AUTHENTICK ACCOUNT

OF THE

Weights, Meaſures, Exchanges, Cuſtoms, Duties, Port-Charges, &c. &c.

Fort *St. George* or *Madras.*

Gold *and* Silver Weights.

	Oz.	dw.	Gr.	
1 Pagoda —— is ——	0	2	4	$\frac{75}{100}$ *Troy.*
9 $\frac{1}{10}$ Ditto —— ——	1	0	0	
8 Ditto — 1 Dollar weight —	0	17	14	
100 Dollars —— ——	88	1	17	
100 Venetian Duccats —— ——	11	0	5	
100 Gubbers at a Medium ——	10	17	12	
1 Rupee —— —— ——	0	7	11	
100 Ditto —— —— ——	37	5	20	

Great Weights.

	lb.	Oz.	Dr.	
10 Pagodas is 1 Pollam, equal to —	0	1	3 ¼	*Avoirdupoiſe.*
8 Pollams is 1 Seer, or 9 Oz. Troy -	0	9	10	
5 Seer is 1 Vis —— ——	3	0	2	
1 Maund —— is —— ——	25	0	0	
20 Ditto —— is 1 Candy ——	500	0	0	
1 Pecul —— is —— ——	133⅓	0	0	

Grain Meaſures.

	lb.	Oz.	
1 Meaſure weighs about —— ——	2	10	*Avoirdupoiſe.*
8 Ditto —— is 1 Mercal —— ——	21	0	
3200 Ditto is 400 ditto, or 1 Garſe -	8400	0	

1 Madras Rupee weighs dw. 7 Gr. 11 Troy, and is better than Engliſh Standard, dw. 14 Gr. 10 in 1 lb. It is Country Touch 9⅞. China Touch 98¾.

N. B. A Garſe is 9256 ½ lb.

1 Madras

1 Madras Pagoda weighs dw. 2 Gr. 4¾ is Engliſh Matt. Car. 20 Gr. 2⅘ Country Touch 8⅝ China 86¼

1 Allumgect Pagoda dw. 1 Gr. 22 — Engliſh Matt. Car. 23 Gr. 2⅘ Country Touch 9⅞ China 98¾.

Weights.

10 Pagodas weight is equal to — 1 Pollam
40 Pollams —— —— —— 1 Vis, or 3⅛ lb. *Avoirdupoiſe.*
8 Vis —— —— —— 1 Maund, or 25 lb. *Ditto.*
20 Maunds —— —— —— 1 Candy, or 500 lb. *Ditto.*
1 Madras Maund is equal to —— ,667377 decimal Parts of a Surat Maund.

	dw.	Gr.	
1 Madras Dollar weighs — —	17	14	,8125 *Troy.*
1 Ditto Pagoda —— —— —	2	4	,8516 *Ditto.*

Liquid and Dry Meaſures.

1 Meaſure is equal to 1½ pint Engliſh of 423 Cubick Inches.
8 Ditto — ditto — 1 Mercal — of 3384 ditto — ditto.
400 Marcals - ditto — 1 Garſe - of 1,353,600 ditto — ditto.

1 Covid

1 Covid is equal to —— —— Inc. $18\frac{6}{10}$

N. B. 1 Measure weighs about —— llb. 2 Oz. 8 *Avoirdupoise.*

8 Ditto —— —— —— —— 21 *a* 22 0

3200 Ditto is 400 Marcals, or 1 Garse, which weighs 8400 llb. which is $3\frac{1}{4}$ Tons, or 100 Bengal Baazar Maunds of llb. 82 Oz. 2 Dr. 2 each.

Coins.

80 Cash make —— —— —— 1 Fanam.

36 Fanams —— —— —— 1 Pagoda poise dw. 2 Gr. 4

is 8,625 Matts fine.

100 Madras Rupees weight — Oz. 37 dw. 5 Gr. 20 and are better than Standard —— —— —— —— dw. $14\frac{1}{2}$

100 Bombay Ditto —— —— are better than Standard $10\frac{1}{2}$

N. B. 36 Fanams to a Pagoda, is the Exchange, by which all the Servants belonging to the Company receive their Salaries; but in the Baazar, the general Exchange in Trade, is 40 to 42 Fanams for a Pagoda.

BENGAL.

BENGALL.

Weights.

			lb.	Oz.	Dr.	Deci.	
16 Chittacks make	— 1 Seer of		1	14	14	,8666	*Avoir.*
40 Seer is	—— 1 Maund of		74	10	10	,666	*Ditto.*

11 Factory Maunds of 74 lb. 10 Oz. 10 Dr. each, is 10 Baazar Maunds.

		lb.	Oz	Dr.		
1 Baazar Maund is equal to	——	82	2	2		
		dw.	Gr.			
1 Secca weight is equal to	——	7	11		,5511	*Troy.*
		lb.	Oz.	Dr		
1 Baazar Seer	—— — —	2	0	$13\frac{10}{16}$		*Avoirdupoiſe.*
80 Secca Rupees	— — —	2	0	$14\frac{2}{16}$		*Ditto.*

Coins.

12 Pice make —— —— —— —— 1 Anna

16 Annas —— —— —— — —— 1 Rupee

To reduce Madras or Surat Rupees, to current Rupees, you muſt add 10 per Cent. and to bring current Rupees, to Madras Rupees, you muſt multiply the Sum by 100, and divide that Product by 110, and the Quotient is the Anſwer in Madras Rupees.

4 Cowries make —— —— 1 Gunda.
20 Gundas — is —— —— 1 Ponn.
32 Ponns — is —— —— 1 Current Rupee.

Tho' they ſometimes riſe and fall according to the Quantity of Cowries in the Place.

Cargoes are commonly ſold from 40 to 42 Ponns per Arcat Rupee, which is 8 per Cent. better than Current Rupees.

Meaſures.

1 Meaſure — is —— —— — 5 Seer.
8 Ditto —— is —— —— — 40 Seer.

The Covid (in Cloth Meaſure) is 9 Inches.

PEGU.

Weights.

100 Moo is —— 1 Tuall

100 Tuall is —— 1 Vis — equal to

lb.	Oz.	Dr.	
3	5	5	*Avoir.*

150 Vis is —— 1 Candy —— 500 0 0

TOCOPA.

The Produce of this Port is only Tinn, of which 100 Bahaar may be had; if there have not been other Veſſels in the Port for ſome time before.

Tinn is the only Coin in this Place, and is diſtinguiſhed as follows, viz.

3 Pingas is — — 1 Puta.
4 Putas —— —— 1 Viſs.
10 Viſs —— —— 1 Capin.
8 Capins —— — 1 Bahaar, equal to

Factory Maunds.	Seer.	
6	15	Bengall.

The

The Duties of this Place were formerly 8 per Cent. but are lately farm'd by a Malabar, who commonly agrees from 2 to 2 ½ Bahaar for every Veſſel, and a few Preſents: With one likewiſe for the Great Men, but of ſmall Value.

N. B. You muſt not ſell upon Truſt, and muſt always go aſhore armed.

ACHIN.

Weights.

16 Mace is —— 1 Talle

5 Talles —— 1 Boncall

20 Boncalls — — 1 Catty equal to Troy — Oz 30 dw. 17 Gr. 12

200 Catty Malaya — 1 Bahaar —— llb. 501 Oz. 5 dw. 10 *Troy.*

or 412 8 12 *Avoir.*

1 ½ Catty Chineſe Weight, is commonly reckoned one Catty Malaya, which makes 3 Chineſe Peculs equal to one Malaya Bahaar, in which is a Loſs to the Buyer of 2 Cattys, the

the latter being but 396 llb. of which Care muſt be taken, it being an Impoſition.

One Bonçall of Gold is Oz. 1 dw. 10 Gr. 21 Troy of 9½ Matt; or Touch 92, and is worth in Madras Mint, Pago. 14 Fana. 30 Caſh. 48.

JONKCEYLOAN.

Weights.

3 Punchorſs	is	1 Poot.	
4 Poots		1 Vis.	
10 Vis		1 Capin.	
8 Capins		1 Bahaar equal to 6½ Bengall Factory Maunds.	

The Diviſion of Weight, is the ſame here as at Tocopa; but the Bahaar is about 5 Bengall Seer larger: the King of Siam's Cuſtoms are 8 per Cent. but none is paid on Ophium, or Rice.

The Preſents are generally a Piece of the ſeveral Sorts of Goods you have, to about 20 Pieces.

SALANGORE.

Weights.

They deal here for imaginary Dollars, which are thus computed by Weight,

8 Tompongs of Tinn, weight 8 Cattys is — 1 Dollar
30 Dollars or 240 Cattys is ——— ——— 1 Baahar.

They ſometimes ſell by the Mallacca Baahar of 300 Cattys, it is therefore neceſſary in bargaining, to mention what Baahar you agree for.

Cuſtoms.

The Cuſtoms are 2 Dollars per Baahar, that is 2 of 30; and the Preſents to the Great Men are about 60 Dollars in Cloth.

In the Year 1746, the Price of Tinn here was 33 Spaniſh Dollars per Baahar of 300 Catty, clear of Cuſtoms.

MALACCA.

Weights.

16 Tales is —— 1 Catty.
100 Cattys —— 1 Pecul, equal to 135 llb. *Avoir.*
3 Peculs —— 1 Baahar.

All Goods are weighed by the Company's Dotchin, for which you pay the Captain of the *Chineſe*, (who is the Dotchin-keeper) 1 per Cent.

Gold Weights.

		Oz.	dw.	Gr.
16 Miams is - 1 Boncall, equal to Troy Weight		1	9	18 $\frac{7}{12}$
20 Boncalls — 1 Catty. —— ——		29	16	

Coins.

All Coins are current here, but that, in which all Accompts are kept, is Rix Dollars, an imaginary Coin; but the

the Money moſt current in the Shops and Baazars, are Rupees, Skillings, Doublekyes, and Doits.

4 Doits —— is —— 1 Stiver.
6 Stivers —— —— 1 Skilling.
8 Skillings — —— 1 Rix Dollar.
1 Ducatoon is current for - 13 Skilling.
1 Engliſh Crown piece, — 10 Ditto.
1 Bombay, or Surat Rupee, - 5 Ditto.
1 Madras Rupee (tho' of the value with Bombay) —— 4 Ditto.
1 Arcat Rupee, (tho' but 1 per Cent. worſe than Surat) —— —— 4 Ditto.

} Becauſe they are not ſo Broad as the Bombay, or Surat Rupees.

Meaſures.

A Malacca Quoing is 3200 Chupas, or 800 Cantins equal to 5000 Dutch $\frac{\text{llb.}}{\text{lb.}}$ or 5475 Engliſh; or Canton Peculs (according to the Dutch calculation of $\frac{\text{llb.}}{125}$ to a Pecul) 40 Peculs.

A Laſt is 2000 Chupas, 500 Cantins, 3000 Dutch llb. 24 Peculs, $\frac{\text{llb.}}{3285}$ Engliſh.

SIAM.

SIAM.

Gold *and* Silver Weights.

Are by Tual, which weighs neareſt dw. 9 Gr. 10 and is dw. $9\frac{1}{2}$ better than ſtandard Silver.

Great Weights.

Are from their Coins likewiſe as.

				llb.	Oz.	Dr.	
80 Tuals is	— —	1 Catty or	—	2	9	$4\frac{3}{4}$	*Avoirdupoiſe.*
50 Catty	———	1 Pecul.	—	129	0	13	*Ditto.*

But 50 Cattys Siam, ſhould make 1 Pecul China of llb. 132, for they weigh all their Goods by the China Dotchin; but it is never found that the King's Dotchin at Siam, gives more than 129 llb. which ſhould be 132 llb.

Coins.

Their Coins are Tuals, Miams, Tuangs, and Samporſs.

2 Samporſs — is —— —— —— 1 Tuang,
2 Tuangs —— —— —— —— 1 Miam,
4 Miams —— —— —— —— 1 Tual.

Their Accompts are kept in Cattys, Tales, Tuals, Miams, Tuangs and Cowries.

800 Cowries — is —— —— 1 Tuang,
2 Tuangs —— —— —— 1 Miam,
4 Miams —— —— —— 1 Tual,
4 Tuals —— —— —— 1 Tale,
20 Tales —— —— —— 1 Catty.

10 Miams paſs for a Tale China, and 85 Tales Siam is always reckoned as 8 Tale China.

Customs.

The Chineſe, Moors, and Banyans, pay 8 per Cent. Cuſtoms.

The Engliſh, at preſent, pay no Cuſtoms, but pay Meaſurage for their Ships, a Ship of 200 Tons Burthen pays from 1150 to 1200 Rupees Meaſurage, and ſo for other Veſſels in Proportion to their Burthen.

TONQUIN.

Weights.

Their Weights are by the Chineſe Dotchin, and the King's Weight holds out full 132 llb. to the Pecul; however it is neceſſary to have a true Dotchin of one's own.

Coins.

They have no other Coins than Copper Caſh, accounting

600 Great, and 1000 Small. } Caſh to one Maradoe.

The

The Price of Silver is always variable here, which they riſe and fall according to the Quantity brought in, by which the Chineſe make great Advantage.

In the Year 1739, they allowed 28 ½ Maradoes for one Barr, or 10 Tale Silver; and in 1748, but 21 Maradoes.—— They run all the Mexico and Pillar Dollars (without making any Diſtinction) into Barr Silver, which ought to weigh 10 Tale each, and into which they frequently put Alloy, ſo that they are ſeldom ſo good as the Dollar Silver, tho' in Payments you are obliged to allow them 3 per Cent. to make it their Standard, as they call it.

	Oz.	dw.	Gr.	
10 Tale weighs (with the 3 per cent included)	12	6	2 $\frac{8}{24}$	*Troy.*
1 Ditto —— —— ditto — — —	1	4	14 $\frac{15}{24}$	
Which is more than the China Tale ——	0	0	9 $\frac{6}{24}$	

Their Accompts are kept in Tales, Mace, and Candarines, which are regulated according to the Price of their Maradoes and Copper Caſh.

Cuſtoms.

The Engliſh pay no Cuſtoms inwards, but the Preſents they are obliged to make to the King and his Officers, are very conſiderable.

Upon

Upon Goods exported, as Silk and lacquered Ware, the Engliſh pay 5 per Cent.

ANJENGO.

Weights.

lib.
28 Averdupoiſe is equal to —— 1 Maund
560 Ditto —— — to —— 20 Maund or 1 Candy.

Coins.

4 Budgerooks make —— —— — 1 Pice,
12 Pice —— —— —— — 1 Fanam,
6 Gallion Fanams, or 7 old ones —— —— 1 Rupee,
1 Spaniſh Dollar full Weight is worth —— 13 Fanams.

1 Anjengo Fanam is reckoned in the Company's Accompts to be worth —— —— $\frac{4}{5}$ of a Callicutt Fanam.

1 Ditto —— ditto { is —— $\frac{1}{1\frac{1}{8}}$ of a Carwar Pagoda.
is —— $\frac{1}{5}$ of a Surat Rupee.
is —— 6 Pence Engliſh Money.
is —— 1 $\frac{1}{2}$ Perſia Shakee.

Meaſure.

1 Anjengo Covid is —— —— 18 Inches Engliſh.

Exchanges.

	Fanams.
Gold Rupees —— —— ——	70 each.
Gubbers, full Weight —— —— ——	23
Pagodas Negapatam —— —— ——	20
Ditto Madras —— —— —— ——	19 $\frac{7}{8}$
St. Thomas old —— —— —— ——	17
Ditto new —— —— —— ——	14 $\frac{1}{2}$
Spaniſh Dollars, full Weight —— ——	13
Ducatoons —— —— —— —— ——	13 $\frac{1}{8}$

Silver

	Fanams.
Silver Rupees —— —— ——	6
Current Ditto —— —— ——	5

COCHIN.

Gold *and* Silver Weights.

9 1/3 Fanams — is — — 1 Chequin Weight.

93 Ditto — —— —— 10 Ditto or equal to 3 Secca Rupees.

72 Ditto (or 8 Pagodas) is — 1 Dollar Weight, and 100 Dollars Weight is —— —— —— — — Oz. 88 dw. 14

31 Ditto is the Weight of a Secca Rupee.

N. B. Spaniſh Dollars are very rarely weighed here, but generally taken by the Tale, at 2 Surat Rupees each.

Exchanges.

	Skillings.	Fanams.		
Ducatoons generally —— —— ——	12 ½	50		
Spaniſh Dollars in Tale — —— —	10	40	to	38
Venetians and Gubbers (Company's Price)	18	72	74	76
Surat and Bombay Rupees —— —	5	20		
Rix Dollars —— —— ——	8	32		
Pagodas Negapatam —— ——	16	64		
Copangs —— —— ——		48 ½		

Great Weights.

	lb.	Oz.	
1 Maund is —— —— ——	27	2 ⅘	*Avoirdupoiſe.*
20 Ditto is — 1 Candy or ——	543	8	

Gold of 9 Matt fine 10 Fanams weight, is worth 72 Fanams
Ditto 9½ —— 10 ditto —— ditto 76 and ſo on.

And

And to find the Value of the Touch in Fanams, multiply the Matt by 10, and then by 8, which gives it in Fanams.

When Spaniſh Dollars are worth 40 Fanams, an Engliſh Crown is worth 40 ½ and a French Crown 45 Fanams.

If a Surat Rupee is 20 Fanams, a Pagoda is 64 Fanams. Chequins are better than Gubbers 1 per Cent.

1 Gold Rupee new is equal to —— 12 Silver Rupees.
1 Ditto ditto old is —— — —— ¼ or ⅓ better.
4 Jarra Cannanore is the Weight of one Fanam Cochin.

Callicutt and *Tellicherry.*

Weights.

100 Pool is 1 Maund weight from 30llb. Avoir. to 29 lb. 10 Oz. 6 Dr.
20 Maund 1 Candy —— —— 600 Ditto to 598

1 Callicutt Miſcal is to ,14375 Decimals or Troy weight 2 dw. 21 Gr. and is to 1 Surat Tola — ,36836 or 11 Viſs — ,78752 Decimals.

Coins.

16 Tarr or Viſs is equal to —— 1 Fanam called Gallee.

5 Fanams is —— —— 1 Rupee.

1 Spaniſh Dollar full Weight is accounted $2\frac{1}{4}$ Rupees, but paſs in the Baazar only from Fanams. 10 Tarr. 4 to Fanams. $10\frac{1}{4}$.

Meaſure.

1 Covid is 18 Inches Engliſh. And the Callicutt Guz made uſe of in meaſuring Timber is equal to 28 $\frac{2}{10}$ Inches Engliſh.

They likewiſe, ſometimes at Callicutt, meaſure their Timber by the Covid and Borrells. 12 Borrells is 1 Covid, when the Timber is ſawed; and 24 Borrells is 1 Covid when unſawed. The Price generally is 1 Callicutt Fanam per ſolid Covid.

CARWAR.

Weights.

lb

26 Avoirdupoiſe is equal to —— 1 Maund.

520 Ditto —— ditto —— 20 Maunds or 1 Candy.

Coins.

6 Pice is —— 1 Settle.

48 Settles — 1 Pagoda equal to 27 Shakees Perſia, and to
3 $\frac{3}{5}$ of a Surat Rupee; and to
9 Shillings London; and to
14 Fanams, 4 Viſs and $\frac{4}{5}$ Callicutt; and to
18 Ditto Anjengo.

24 Budgerooks is — 1 Fanam
36 Fanams — —— 1 Pagoda Darwar. } In this Coin the Country Merchants keep their Accompts.

20 Tarr is — — 1 Choſeree

1 Choſeree is —— 1 Pagoda Eſiree

1 Pagoda is —— 48 Jettas.

100 Ounces of Silver gives 79 Pagodas 34 Jettas, which, at 3 $\frac{3}{5}$ Rupees per Pagoda, is 286 $\frac{45}{48}$ Rupees.

Meaſure.

1 Covid is —— —— — —— 18 Inches Engliſh.

G O A.

Weights.

	lb.	Oz.	Dr.	
1 Rattle weighs —— — —	1	0	8	*Avoirdupoiſe.*
24 Rattle is — 1 Maund or —	24	12	0	*Ditto.*
480 Rattles—20 Maund or 1 Candy	495	0	0	*Ditto.*

Coins,

Coins.

80 Leader Rees are —— —— 1 Silver Tango
5 Tangos —— —— —— 1 Pardao or Xeraphin.

Spaniſh Dollars are of the ſame Value as at Carwar, at which Rate 100 Ounces, at a Medium, is — 286 Rupees.

BOMBAY.

Great Weights.

		lb.	Oz.	
15 Pice is — 1 Seer, and weighs — —		0	15 $\frac{1}{5}$	*Avoir.*
600 Ditto is — 40 Seer, and weighs 1 Maund or —— ——	}	38	0	*Ditto.*
12000 Pice is 800 Seer, and weighs 20 Maund or 1 Candy — —	}	760	0	*Ditto.*

Small Weights.

6 Chowe is —— — —— 1 Grain Bombay
2 ½ Grains —— — —— 1 Voll
40 Voll —— —— —— 1 Tola
32 Tola and 13 Voll is —— —— 12 Ounces Troy.

Weights for Grain, &c.

				lb.	Oz.	Dr.	
20 Adolens is ——	1 Para, or ——			34	8	12	*Avoir.*
500 Ditto is ——	25 Ditto, or	1 Mora		863	12	12	*Ditto.*

Coins.

	Rup.	Annas	Pice.
1 Venetian is —— ——	3	14	0
1 Gubber is —— ——	3	12	6
1 Gold Moor or Rupee ——	13	8	0

They keep their Accompts in Rupees, Quarters and Rees.

100 Rees is —— —— —— 1 Quarter
400 Ditto is —— —— —— 1 Rupee.

They have (beſides theſe Rees, which are made of Lead, with a Stamp on them) a ſmall Coin made of Toothenague, called Pice, 80 of which go to a Rupee.

Goods are bought and ſold here by the Bombay Candy or Maund, Surat Candy or Maund, and by the Pucca or Bengall Maund, which is 2 Surat Maunds; but in Contracts, the Candy or Maund you buy or ſell with is always mentioned.

SURAT.

Gold *and* Silver Weights.

	Oz.	dw.	Gr.
1 Chowle is as —— —— 1 Rutta,			
3 Rutta is 1 Voll —— —— —	0	0	$5\frac{26}{32}$ Troy.
32 Voll is 1 Tola —— —— —	0	7	$18\frac{2}{11}$
$82\frac{1}{2}$ Ditto is 2 Tolas and $18\frac{1}{2}$ Volls, or —	1	0	0
$9\frac{1}{4}$ Voll is 1 Venetian Weight —— —	0	2	$5\frac{5}{11}$
100 Ditto is 28 Tola 29 Volls —	11	14	22
73 Voll is 1 Dollar Weight —— —	0	17	18
100 Ditto Weight 228 Tola 4 Voll	88	15	0
31 Tola is very near —— — —	12	0	0
The Seer for Coral is 18 Great Pice, or 27 common Pice Weight — —	12	5	20
Ditto for Muſk —— —— —	11	0	0
The Surat Seer is 30 Pice, and weighs, at a Medium, — — — —	13	12	0

1 Spaniſh

	Rup.	Annas	Pice.
1 Spaniſh Dollar full Weight 73 Volls, is —	2	3	0
100 Ditto ditto —— —— ——	219	12	9
100 Ounces Mexico Dollars are ——	247	0	0

Great Weights.

				llb.	Oz.	Dr.	
30 Pice is	—	1 Seer or	——	0	14	7	*Avoir.*
40 Seer is	—	1 Maund	——	37	5	7	
20 Maund is	—	1 Candy.	——	746	12	12	

	Mau.	Seer.			
1 Maund at Agra is equal to	1	14	}	50	10	0
of Surat, or ——	——	——	}			

The Pucca Maund is $74\frac{2}{3}$ llb. equal to a Bengall Factory Maund.

Metals are ſold at 40 Seer to the Maund, but all periſhable Goods, and ſuch as are not free from Dirt and Duſt, are from 41 to 44 Seer to the Maund, as the Buyer and Seller can agree; tho' Cuſtom now has fixed every particular Kind of Goods to a ſtated Number of Seer to a Maund.

Measures.

Are the larger and leſſer Covid, viz.

1 Covid of 36 Inches, and 1 Covid 27 Inches.

By the latter all things are ſold, except Broad Cloth, Velvet and Sattin, which are ſold by the large Covid or Engliſh Yard.

Coins.

Are Gold and Silver, Rupees, Annas, and Pice.

4 Pice make —— —— —— 1 Anna
16 Annas or 64 Pice make — —— 1 Rupee Silver
13½ Silver Rupees are equal to — —— 1 Rupee Gold.

CAMBAY.

The Weights are the ſame as at Surat, but differ in the Allowances on all Goods bought and ſold there; as for Inſtance;

	Seer.	Pice.	
At Cambay, Metal is —— ——	40	11½	to a Maund.
At Surat, — Ditto is —— —	40	0	Ditto.

And beſides the above Allowance of 40 11½ to the Maund, there is a Rebate of ¾ per Cent. on the whole Weight.

Port-Charges,

On Goods ſold at Cambay by the Engliſh, are as follow, viz.

Company's Duty —— —— ——	2 per Cent.
Conſulage —— —— —— —	2
Commiſſion to the Chief —— ——	2½
Brokerage —— —— —— —	2

Duſtore,

Duſtore, Coolley hire, *&c.* —— —— 1

Total Charges — 9½ per Cent.

GOMBROON.

Gold *and* Silver Weights.

	dw.	Gr.	
The Muſſall weighs —— —— —— ——	2	23	14/22
2½ Muſſalls is 1 Tola Surat, or —— ——	7	18	1/11

Large Weights.

Are the Maund, Tabree, and the Maund Shaw.

200 Muſſalls is 1 Maund Tabree, Weight 6¾ llb. but in the Baazar 6¼ llb.

400 Muſſalls 1 Maund Shaw 13½ llb.

The

The Maund Copara for Truſt is 7¼ llb. The Maund Baazar 7¼ llb. to 7½ llb.

Coins.

10 Cozbaugues or Pice (a Copper Coin) are —	1	Shatree
Abaſſees are — — — —	4	Ditto each.
Venetians are — — —	28	Ditto each.
1 Tomand (or 50 Abaſſees) is — —	200	Shatrees.
Rupees — — — —	6¼	to 9
Dollars — — — —	13½	to 20
Larees (Iſpahan Money) — —	2½	
Mamoodas — — —	2	

2 Mamoodas are — — 1 Abaſſee

4 Ditto — — — 1 Rupee Surat.

Long Meaſure.

93 Guz is equal to — — 100 Yards Engliſh.

All Bargains in Gombroon, are made for Shatrees (an imaginary Coin) and the Returns for Goods are generally made in Abaſſees, allowing 7 or 8 per Cent. for the Difference in Exchange.

BUSORAH.

Weights.

				lb.	Oz.	
Are Vakias —	1	of which weighs neareſt —		0	19	*Avoir.*
24 Vakias are	1	Maund Atteree — —	or	28	8	
76 Ditto —	1	Maund Seefe — — —	or	90	4	
117 Ditto —	1	Cutra (by which Indigo is ſold) — — — —	or	138	15	

Allowances to be made on the following Goods (as Cuſtomary,) viz.

On the Sale of Ginger, Pepper, Coffee, } 26 Vakias per Maund.

Cardemums,

On the Sale of Cardemums, Sugar Candy, Benjamin, } 25 Vakias per Maund.

Sugar and Metals. } 24 Vakias per Maund.

Coins.

10 Telooſe is —— 1 Danim,
12 Danims —— —— 1 Mamooda
4½ Mamoodas —— 1 Cruz or Dollar,
75 Mamoodas —— 1 Tomand Zelottee,
100 Mamoodas —— 1 Tomand Howeſa.

Port-Charges, or Cuſtoms, viz.

Mahometans Pay, —— 2½ per Cent.
All other Nations —— 3 per Cent. to the Government.
And 4½ per Cent. to the Company.

MUSCAT.

MUSCAT.

Weights.

The Cuſtom-Houſe Maund is —— 11lb. Oz. 8 12 *Avoirdupoiſe.*

Coins.

The current Money is Budgerooks and Mamoodas.

30 Budgerooks is 1 Silver Mamooda, value about Eight-Pence Sterling.

3½ Mamoodas is —— 1 Surat Rupee,

7½ Ditto is —— 1 Spaniſh Dollar.

Cuſtoms.

Mahometans pay —— —— 2½ per Cent.

And all other Nations pay —— 5 per Cent.

MOCHA,

MOCHA.

Weights.

Amber, Coral, Muſk, *&c.* are weighed by Coffolas, *&c.*

				Oz.	dw.	Gr.
1 Coffola weighs	——	——	Troy	0	2	$0\frac{18}{24}$
10 Coffolas is	—— 1 Vakia	—	——	1	0	9
100 Vakias	——	——		101	17	12

According to which Calculation the Mocha Frazil is $\frac{\text{lb.}}{28}$ Avoirdupoiſe neareſt, and has been generally ſo computed by the Engliſh Gentlemen, formerly trading here; but it is an Error, and muſt proceed from their omitting to try the Cuſtom-Houſe Weights here, with Engliſh Weights; thoſe being different from the above as Avoirdupoiſe from Troy, tho' not in the ſame Proportion.

In the Year 1744 Experiment was made at the Cuſtom-Houſe, by weighing 100 Pieces of Toothenague in their Scales, and in the Company's Engliſh Scales; the Medium of

which gave the true Frazil 29 $\frac{2}{3}$ llb. which is about 6 per Cent. more than the above Weights will give. The Weights here are computed from 1 Coffola to a Vakia, and ſo on to a Bahar, without Diſtinction between groſs Goods and fine, except in the Cuſtom-houſe, which Difference, it ſeems, is occaſioned by an Allowance given on all groſs Goods at 29 $\frac{2}{3}$ llb. to the Frazil, which by long Experience was found to be true.

Great Weights.

				llb.	Oz.	Dr.	
1 Vakia is				0	1	2	Accir.
15 Vakias is	1	Rattle,	--	1	1	12	
2 $\frac{2}{3}$ Rattles (or 40 Vakias) is	1	Maund,	-	2	15	7	
10 Maund is	1	Frazil,	-	29	10	10	
15 Frazil is	1	Bahar,	-	445	0	0	

Great Weights Beetlefukei.

15 Vakia is —— —— — 1 Rattle

29 Vakia is — $1\frac{14}{15}$ Rattle or — 1 Maund.

				lb.	Oz.	Dr.	
10 Maund is	—	1 Frazil or	——	20	6	4	*Avoir.*
40 Frazil is	—	1 Bahar or	——	816	4	0	*Ditto.*

N. B. The beforementioned Weights are taken from the Medium of Two Frazils, made and proved by the Engliſh and French Chiefs reſiding at Mocha, the Difference between them being about 5 Ounces according to the Arabs Calculation: and were their Weights true,

	lb.	Oz.	Dr.
The Frazil would be —— —— —	21	7	7
The Bahar —— —— —— —	859	11	0

Which is 5 per Cent. more than the beforementioned.

Coins.

The only coined Money in this Country is Cammaſhees, a ſmall Coin of low Silver, ſtamp'd with the King's Names and Titles; they are the current Money of the Bazzar, and are taken at 10 for a Dollar, riſing and falling according to the Want of them, which is occaſioned by the Banian Shroffs, frequently buying them up, and the King ſometimes calling them in, and ordering new ones to be made, which always bear an Advance where ſome Sort of old ones are left current.

The Money wherein all Accompts are kept here is imaginary, viz.

Dollars and Caveers.

80 Caveers make —— —— 1 Mocha Dollar.

121½ Mocha Dollars are always eſteemed 100 Spaniſh Dollars.

Silver

Silver Coins paſſable in Mocha.

			Oz	dw.	Gr.
Spaniſh Dollars	100	of which weigh Troy, —	88	12	0
Cruizadoes —	100	—— —— ——	88	12	0
Engliſh Crowns	100	—— —— ——	88	12	0
French Ditto	100	—— —— ——	88	12	0
German Ditto	100	—— —— ——	93	13	18

Gold Coins, are

	Doll.	Caveer.
Venetians exchanged into Silver, produce each	2	25
Touch by the Shroffs 13½ Verſau.		
Gubbers —— —— ——	2	20
Gingerlys —— —— ——	1	55
Cerrifees —— —— ——	1	50

Bars of Gold from Muſſova Touch from 11 to 12 Verſau.

Ditto ditto from Moſambique —— 9 to 10

Touch of Silver.

The fineſt Silver uſed in this Country is of — 18 Verſau.
Mexico Dollars —— —— 17
German Crowns —— —— 15
Pillar Dollars —— —— 17 1/4

N. B. In the Year 1738 it was proved that 100 Spaniſh Dollars by the Mocha weights gave Oz. 88 6/8 or Oz. 88 dw. 13 Gr. 14 1/2 Troy which makes the above Computation ſhort.

When Cammaſhees are to be bought reaſonable, 'tis worth while to carry them to the Coaſt or Madras. In 1738 Cammaſhees were bought at 12 3/4 Coffolas per Mocha Dollar.

Upon Eſſay 4 Mocha Dollars of Cammaſhees at Coffo 12 3/4 per Dollar is 51 Coffolas, and produces pure Silver Oz. 2 Decimals ,75833 or Oz. 2 dw. 15 Gr. 4 Troy; ſo that 100 Spaniſh Dollars, or 121 1/2 Mocha Dollars 12 3/4 per Dollar, gives Coffo. 1549 Decimals. ,125 Poiſe Oz. 157 8/157 and produces pure Silver Oz. 83 Decimals ,78427

N. B.

N. B. The Standard of Cammaſhees is 131 dw. pure Silver in 1 llb. Troy.

100 Spaniſh Dollars weigh Troy 88 6/8 8/8 Oz. and Coffolas 869, ,6875 Decimals.

Mem^m. At 12½ Coffolas per Dollar, 100 Spaniſh Dollars which by Mocha Weights gives 88 6/8 8/8 Oz, is Secca Weight 237 at 240 Secca weights per 209 Secca Rupees, is Secca Rupees 206 ,3875 Decimals at 12½ Batta, is current Rupees 232, 186 Decimals, which make the Mocha Dollar 1 ,910 current Rupee.

Meaſures.

Rice and other Grain is ſold by the Kalla and Tomand, 40 Kalla is 1 Tomand and weighs about 165 llb; but the Governor's Cuſtom (of half a Kalla per Tomand upon all Grain ſold) being deducted, and the intolerable Cheat in the meaſuring, together with the Pilferage from the Waterſide home,

being

being allowed for, the Bengall Maund will not come out above 19 Kalla; whereas 1 Bagg or Bengall Maund ought to hold out more than a Tomand; but for the foregoing Reasons, Two Bengall Maunds seldom come out above 39 Kallas, and rarely that.

Oil is sold by the Cudda, Noosfia and Vakia.

16 Vakia is —— —— 1 Noosfia

4 Noosfias or Measures —— 1 Cuddy poise about 18 lb.

Of late Years the Price has been from 3 to 5 Noosfias per Mocha Dollar, and computing the Dupper, of 2 Bengall Factory Maunds, to hold out about 67 or 68 Measures each, at which Rate the Noosfia or Measure weighs about 2 $\frac{1}{4}$.

Cotton is sold by the Hearf, and 9 Hearfs is 11 $\frac{1}{4}$ Mocha Dollars. It generally sells from 30 to 40 Hearfs per Bahar,

Long Meaſure.

The Guz is —— —— 25 Inches Engliſh.
The Covid is —— —— 19 Ditto ditto.

Cuſtoms.

The Engliſh pay the Government 3 per Cent, on their Sales.
Brokerage —— —— 1 ½ per Cent.
Shroffage —— —— 1 per Thouſand.

The Moors pay the Government Cuſtoms 7 per Cent, but by the Impoſitions of the Government, they generally come out to 15 per Cent.

BATAVIA.

Coins.

8 Doits make	—— ——	1 Caſh or Doublekye.
3 Caſh	—— —— —— —	1 Satallie
6 Caſh (or 2 Satallies)	—— —	1 Sooka
9 Caſh	—— —— —— —	1 Sooka Satallie
15 Ditto	—— —— —— —	1 Rupee
24 Ditto (or 48 Stivers)	—— —	1 Pordao, or Rix-Dollar
39 Ditto (or 13 Satallies, or Skillings)		1 Ducatoon.

N. B. Accompts are kept in Rix-Dollars and Stivers, tho' there is no ſuch Coin as a Rix-Dollar in Batavia.

Mexico Dollars were ſold in the Year 1759 at 132 Rix-Dollars for 100 Spaniſh Dollars; but of late Years thoſe who bought Cinnamon, Iron, or any other Goods from the Company, were obliged to pay the Spaniſh Dollars at 125 per Cent. viz. 100 Spaniſh Dollars for 125 Rix-Dollars.

MANILLA.

Weights.

16 Ounces make a Pound, by which all Sorts of Goods are weighed: But it is to be obſerved that of theſe Ounces, are

10 Ounces make a Tale of Gold Weight,

11 Ditto make a Tale of Silk and other Things,

9 Ditto make a Punto of Gold and Silver Thread,

22 Ditto make a Catty,

1 Ditto is the Weight of a Mexico Dollar.

One Manilla Pound makes Avoirdupoiſe 1 llb. ,03 Decimals,

8 Ounces is a Mark of Silver.

CHINA.

CANTON.

Coins.

Pettys of Braſs or Copper with a ſquare Hole in the Middle, are the only coined or ſtamp'd Pieces in China, and 10 of them are generally eſteemed a Mandarine, but they riſe and fall in their Value, as they are more or leſs in Demand; no Merchants receive them, they being only for ſmall Payments in the Baazar, or to pay Cooleys and Labourers.

All greater Payments are therefore made by the Scale, and by Europeans uſually in the following Silver,

Engliſh Standard, tho' but 92½ Touch, will generally paſs for Goods at	94 *Touch.*
French Crowns for Gold, tho' but 94,	95 *Ditto.*
Mexico Dollars	94 *Ditto.*
Pillar Ditto	95 *Ditto.*

Ducatoons

	Touch
Duccatoons ——— ——— ———	96
Surat Rupees ——— ——— ———	100

N. B. The Chineſe divide the Fineneſs of their Gold and Silver into 100 equal Parts, which they call Touches; the Number of which implies the Proportion there is of pure Gold and Silver to 100, the reſt being Alloy; and 100 Touch is pure Gold or Silver, which they call Siſce, and is without Alloy; no Coin will be taken in Purchaſe of Gold but at its true Touch.

Of the vaſt Quantities of European Coins which the Chineſe receive, they preſerve none entire, but run all down in Iron Moulds, forming a Shapeleſs Lump from 5 Mace to 10 Tale Weight; every Man melts his own Money at the Goldſmiths; what is applyed to the Payment of Tance and Emperor's Duties muſt be Siſce or 100 Touch, no other being received into the Emperor's Treaſury.

For other Uſes they make different Touches, as may ſerve their Purpoſe in Trade in the different Provinces of the Empire.

Fine Weights.

10 Cash is —— 1 Candarine,
10 Candarines —— 1 Mace,
10 Mace —— 1 Tale, hitherto reckoned

Oz.	dw.	Gr.
1	4	5

as per Lockyer, but this is too much.

These are the Weights for Silver and Gold, and may be called the Names of their Money, for under these Denominations are their Accompts kept.

Gross Weights.

16 Tale is —— 1 Catty,
100 Cattys —— 1 Pecul or 132 $\frac{2}{7}$ lb. Avoirdupoise.

Measure.

10 Punt is — 1 Covid in piece Goods, equal to $\frac{\text{Inches}}{14\frac{5}{8}}$

Gold

Gold in great Quantities is Yearly carried out of this Port, yet the Exportation of it is abſolutely prohibited by the Government, but for certain Reaſons greatly connived at. On this Account Europeans generally run privately moſt of their Silver; not to avoid any Duties payable thereon, but to conceal the Amount of their Imports, that thereby no Conjectures may be made of the Gold they Export.

This valuable Commodity is not altogether the Produce of China, but is brought in great Quantities by their Junks from Cochin China, in Return for the Goods ſent thither.

Names *and* Touches *of* Gold.

		Touch.
Chaya	Shoes	93
Chroja		93
Chugja		93
Shinjepou		94
Tinjee		93
Poojee	Barrs	96
Yangpohooes		96
Cochin China		96

Names

Names *and* Touches *of* Gold.

Samoy — Shoes — no Chop — various Touches.

	Touch.
Pekin — Barrs narrow ——	99
Shaja — ſmall Shoes ——	99

N. B. At Chinchew they falſify Yangpohooes Gold.

Rule to bring different Touches of Gold into one.

Multiply the Fineneſs of each Sort by it's particular Weight, and adding their ſeveral Products together, make a Dividend of them; then adding the Weights together, make that the Diviſor, and the Quotient will be the Fineneſs, or Touch.

	Touch.	
10 Tale —	94 —	— 940
10 — —	92 —	— 920
20		20 | 1860 | 93 Touch of the whole.
		180
		60
		60

Port

Port-Charges at Canton.

All Ships imported are entered in the Emperor's Books under the following Denominations, in Proportion to which they pay a Duty of Meaſurage, viz.

	Covids.		Covids.	
Firſt Rates, ſuch as meaſure above	74	in length and	23	in breadth,
Second Ditto —— — above	71	—— and	21	
Third Ditto —— — under	71	—— and	21	

A Ship is not properly imported, 'till ſhe is meaſured by the Hoppo or his Officers, which Meaſurement is taken from the Center of the Mizen-Maſt to the Center of the Fore-Maſt for the Length, and cloſe abaft the Main-Maſt from Side to Side for the Breadth; they multiply the Length by the Breadth, and the Product, divided by 10, gives the Ship's Meaſurage.

EXAMPLE.

	Covids.	Punts.		
Suppoſe a Ship meaſures	75	9	in Length	
	23	5	in Breadth, multiplied toge-	
ther, produce the Meaſurage	178	3	,65, which, at the Rate of	

Tale	Mace	Can.	Caſh.		Tale	Mace	Can.	Ca.
7	7	7	7	per Covid, amounts to —	1387	2	8	3
				Deduct 20 per Cent. which the Emperor allows,	277	4	5	6
				The Emperor's neat Duty — —	1109	8	2	7
				Add 7 per Cent to make it Siſce — —	77	6	8	8
					1187	5	1	5
				To the Cophang, or Receiver of the Cuſtoms on the firſt neat Duty, to be paid in Siſce, at 10 per Cent.	118	7	5	2
					1306	2	6	7
				To the Suanfang, or Collectors, *&c. &c.* 2 per Cent. to be paid in current Silver of 94	22	1	9	6
					1328	4	6	3
				Impoſitions at ſundry Times ſince the Year 1704, under the Denomination of Preſents to the great Mandarines, which are now claimed to be as much their Due as the Ship's Meaſurage.	1950	0	0	0
					3278	4	6	3

	Tale	Mace	Can.	Cash.	
N. B. First Rates, measuring 74 Covids and 23, tho' ever so much larger, pay but	7	7	7	7	pr Covid.
Second Rates, from 71 Covids to 74 long, and 22 Cov. to 23 broad, pay	7	1	4	2	per Ditto.
Third Rates, from 65 Covids to 74 long, and 20 Cov. to 22, tho' ever so much less than 65 Cov. and 20, pay.	5	0	0	0	per Ditto.

How

How the Emperor's Cuſtoms and Hoppo's Duties are accounted for on Goods imported.

	Covids.	Punts	Tale	Mace	Can.	Caſh
Broad Cloth 160 half Pieces at 5 Candarines per Covid for the Emperor's Cuſtoms.	8608	7½	430	4	3	7½
Hoppo's Duty of 24 per Cent. on the Cuſtoms.			103	3	0	4½
			533	7	4	2
The Emperor and Hoppo are to be paid in Siſce Silver, which is accounted 7 per Cent. on the Cuſtoms and Duty.			37	3	6	1
The Emperor's Eſcrivans 2 per Cent. on Tale 430 Mace 4 Can. 3 Caſh. 7½ the Cuſtoms.			8	6	0	9
The Peculage Duty accounting 100 Covids to a Pecul, produces 86 Pecul 9 Cov. which at 8 Can. 6 Caſh per Pecul is			7	4	3	5
Tales.			387	1	4	4

How

How the Emperor's Cuſtoms and Hoppo's Duties are accounted for on Goods imported.

	Tale	Mace	Can.	Caſh.
Long Ells, 1008 Pieces — 64830 Covids				
6½ Punts at 15 Cand. per Covid ——	972	4	5	9
24 per Cent —— —— — —	233	3	9	0
	1205	8	4	9
7 per Cent. to make it Siſce —— ——	84	4	0	9
	1290	2	5	8
2 per Cent. on 972 4 5 9 —— ——	19	4	4	9
Peculage at 200 Cov. per Pecul, is 324 Pecul				
15 Cov. at 8 Can. 6 Caſh. per Pecul ——	27	8	7	7
Tales	1337	5	8	4

How the Emperor's Cuſtoms and Hoppo's Duties are accounted for on Goods imported.

	Tale	Mace	Can.	Caſh.
Camblets, 25 Pieces containing 2040 Cov. at 1 Mace per Covid	204	0	0	0
24 per Cent.	48	9	6	0
	252	9	6	0
7 per Cent. for Siſce	17	7	0	7
2 per Cent. on 204 Tales	4	0	8	0
Peculage, at 100 Covids per Pecul, 20 Pecul 40 Cov. at 8 Can. 6 Ca. per Pecul	1	7	5	4
Tales	276	5	0	1

N. B. Comparing the foregoing Examples with ſundry Accounts of Duties paid ſeveral Years paſt, it appears 2 per Cent. hath been always charged on the Emperor's Cuſtoms for a Difference of Dotchin, which has been a Roguery of the Linguiſt's, for there never was any ſuch Duty.

Emperor's

Emperor's Cuſtoms and Hoppo's Duties accounted for on Goods exported.

Wrought Silks and all other Commodities on which the Emperor's Cuſtoms is accounted for at the Hoppo's Dotchin, have a Diſcount of 10 per Cent. allowed to the Merchant, ſo that

	Pec.	Catty.	Tale	Mace	Can.	Ca.
Taffaties —— 100 Pieces weighing	1	66½				
10 per Cent. deduct as above —		16½				
Remains —— —— —	1	50 at	3	3	0	0
2 Tale 2 Mace per Pecul, —— ——						
Hoppo's Duty, 24 per Cent. on the Cuſtoms—				7	9	2
			4	0	9	2
7 per Cent. to make it Siſce —— ——				2	8	6
			4	3	7	8
The Emperor's Eſcrivans 2 per Cent. on the Cuſtoms 3 Tale 3 Mace —— ——			0	0	6	6
Peculage on 1 Pec. 50 Catty, at 8 Can. 6 Caſh. pr. Pec.			0	1	2	9

Emperor's

Emperor's Cuſtoms and Hoppo's Duties accounted for on Goods exported.

	Tale	Mace	Can.	Ca.
All Silk, except Handkerchiefs, Paunches, Pelongs and Geelongs, pay 1 Candarine per Piece to the Hoppo's Officers, in Caſe they do not ſearch for Yellows and Crimſons, which are the Emperor's Colours, and therefore prohibited, ſo that 100 Pieces pay.	1	0	0	0
	5	5	7	3
The old Impoſitions, ſo called, becauſe it was impoſed in the Year 1708, is 6 per Cent. on the Valuation in the Emperor's Book, wherein Taffaties being rated at 3 Tale 3 Mace per Piece, amounts to — — — —	19	8	0	0
The New Impoſition is 10 per Cent. upon the ſaid rated Value, and was firſt paid in the Year 1727.	33	0	0	0
Tales	58	3	7	3

Emperor's

Emperor's Customs, &c. on Exports.

	Pec.	Catty.	Ta.	Ma.			Tale	Ma.	Can.	Ca.
Raw Silk weighing	1	11								
Deduct 10 per Cent.	0	11								
Remains	1	0	at 5	4	per Pecul		5	4	0	0
24 per Cent.							1	2	9	6
							6	6	9	6
7 per Cent.							0	4	6	9
2 per Cent. on 5 Tale 4 Mace							0	1	0	8
Peculage							0	0	8	6
							7	3	5	9
Old Imposition 6 per Cent. on the Valuation, which, at 100 per Pecul, is							6	0	0	0
New Ditto 10 per Cent.							10	0	0	0
						Tales	3	3	5	9

Emperor's Cuſtoms, &c. on Exports.

	Pecul	Catty.				Tale	Ma.	Can	Ca.
Quickſilver ——	1	11							
Deduct 10 per Cent.	0	11							
			Tale	Mace.					
Remains ——	1	0	at 1	2	per Pecul	1	2	0	0
24 per Cent. ——						0	2	8	8
						1	4	8	8
7 per Cent. ——						0	1	0	4
2 per Cent. on 1 Tale 2 Mace ——						0	0	2	8
Peculage ——						0	0	8	6
						1	7	0	6
Old Impoſition, 6 per Cent. on the Valuation, which at 35 Tale per Pecul ——						2	1	0	0
New Ditto 10 per Cent. ——						3	5	0	0
					Tales	7	3	0	6

Emperor's

Emperor's Cuſtoms, &c. on Exports.

	Pecul	Catty.		Tale	Ma.	Can.	Ca:
Bohea Tea, ——	1	11					
Deduct 10 per Cent.	0	11					
Remains — ——	1	0	at 2 Mace per Pecul	0	2	0	0
24 per Cent. ——	——	——	——	0	0	4	8
7 per Cent. for Siſce	——	——	——	0	0	1	7
2 per Cent. on 2 Mace	——	——	——	0	0	0	4
Peculage ——	——	——	——	0	0	8	6
Old Impoſition on the Value, 8 Tales at 6 per Cent.				0	4	8	0
New ditto — on ditto — 10 ditto at 10 per Cent.				0	8	0	0
			Tales	1	6	3	5

N. B. The fineſt Conghoes, and all other Teas of the Bohea Sortments, are valued at 8 Tales per Pecul; and the fineſt Hyſons, and all other Sortments of the Green-Teas, are rated but at 7 Tales per Pecul.

All wrought Silks paying 2 Tale 2 Mace per Pecul.—It is unneceſſary to give any other Examples, but it may be uſeful to obſerve

Emperor's Cuſtoms, &c. on Exports.

obſerve the preſent Valuation, by which the Cuſtoms, Hoppo's *&c.* Duties are accounted upon the following Articles, producing the ſeveral Amounts mentioned as follow, or thereabouts;

	Tale	Mace		Tale	Mace	Can.	Ca.
Poiſee valued at —— 4 4 per Piece pays Cuſtoms, Duty and Impoſitions. ——	0	8	1	0			
Goſnee —— ——	3	5	—— ——	0	6	5	0
Taffata —— ——	3	3	—— ——	0	5	8	3½
Paduaſoy —— ——	3	0	—— ——	0	6	0	0
Gorgorams — ——	3	0	—— ——	0	6	0	0
Lampaſſes —— ——	4	5	—— ——	0	8	1	0
Velvets —— ——	6	0	—— ——	1	0	7	0
Embroideries — ——	8	0	—— ——	1	4	0	0
Peelongs —— ——	7	0					
Geelongs —— ——	7	0		0	1	1	0
Paunches —— ——	7	0					
Handkerchiefs, being 7 Tale —— ——				0	2	0	0

Ribbons,

Emperor's Cuſtoms, &c. on Exports.

Ribbons pay alſo 2 Tale 2 Mace per Pecul, and are valued at 100 Tale per Pecul for the Old and New Impoſitions.

Memorandum of Elephants Teeth.

				Tale	
Firſt Sort —	3 Teeth to a Pecul,	—	Suppoſe	45	per Pecul.
Second Ditto	4 ditto	— ditto	— ——	43	ditto.
Third Ditto —	5 ditto	— ditto	— ——	41	ditto.
Fourth Ditto —	6 ditto	— ditto	— ——	39	ditto.

And ſo on every Tooth loſes 2 Tale in the Price.

The Emperor's Cuſtoms, on the following Commodities.

		Tale	Ma.	Can	Ca.
Allom	per Pecul	0	1	0	0
Amber, large Pieces	ditto	10	0	0	0
Ditto, ſmall ditto	ditto	5	0	0	0
Blew, firſt Sort	per Catty	0	0	6	3
Second ditto	ditto	0	0	3	1
Birds Neſt, firſt Sort	per Pecul	4	0	0	0
Ditto, ſecond Sort	ditto	2	0	0	0
Broad-Cloth	per Covid	0	0	5	0
Cambay Stones, ſmall	per Catty	0	1	0	0
Ditto, for Boxes	unrated	0	0	0	0
Copper	per Pecul	0	3	5	0
Callicoe white, firſt Sort	per Piece	0	5	0	0
Ditto ſecond Sort	ditto	0	2	2	0
Ditto coarſe, third Sort	ditto	0	0	5	0
Chints	ditto	0	2	2	0
Carpets of Cloth emboſſed or flowered from England, large	ditto	1	0	0	0
Ditto ſmall	ditto	0	5	0	0
Ditto for Tables	ditto	0	1	0	0
Camblets worſted fine	per Covid	0	1	0	0
Ditto ditto coarſe	ditto	0	0	6	0
Cotton Thread	per Pecul	0	1	5	0
Clocks and Watches	each	1	0	0	0
China Ware in Cheſts	per Pecul	0	3	0	0

Ditto

The Emperor's Cuſtoms, on the following Commodities.

		Tale.	Ma.	Can.	Ca.
Ditto in Bundles or Rolls —	ditto	0	2	0	0
Coral Beads firſt Sort —	per Catty	1	0	0	0
Ditto — ſecond Sort —	ditto	0	6	0	0
Ditto — third Sort —	ditto	0	1	0	0
Ditto very ſmall, fourth Sort —	ditto	0	0	5	0
Camboogium exported —	per Pecul	1	5	0	0
Camphire (China) — —	ditto	0	3	0	0
Ditto Malaya, firſt Sort —	ditto	1	0	0	0
Ditto ditto, ſecond Sort —	ditto	0	6	0	0
China Root — —	per Pecul	0	1	0	0
Dammar — —	ditto	0	1	0	0
Ebony — —	ditto	0	1	0	0
Elephants Teeth — —	ditto	3	4	0	0
Fans Ivory — —	per Hundred	0	1	0	0
Ditto Bamboo — —	ditto	0	0	5	0
Ginghams — —	per Piece	0	2	2	0
Handkerchiefs of India, large —	ditto	0	0	2	0
Ditto ditto, ſmall — —	ditto	0	0	1	0
Hats from England —	each	0	0	4	0
Looking Glaſſes from 7 Punts to 5 Punts broad, large; the ſmall to pay in Proportion. —	each	0	1	0	0
Lacquered Ware (China) —	per Pecul	0	2	5	0
Ditto (Japan) —	ditto	0	4	0	0
Lamp Oil — —	per Pecul	0	1	0	0
Muſk imported —	per Catty	0	5	0	0
Ditto exported — —	ditto	0	2	0	0
Mother of Pearl Shells —	per Pecul	0	2	0	0
Ditto ditto wrought —	ditto	0	3	0	0
Nutmeg, Cloves and Cinnamon.	ditto	1	4	0	0

The Emperor's Cuſtoms on the following Commodities.

		Tale	Ma.	Can.	Ca.
Palempores	per Piece	0	2	0	0
Perpets	per Covid	0	0	1	5
Pepper	per Pecul	4	0	0	0
Putchuck	ditto	7	5	0	0
Perſpective Glaſſes	each	4	0	0	0
Quickſilver	per Pecul	1	2	0	0
Roſe Wood	ditto	0	0	5	0
Red Wood	ditto	0	6	0	0
Rattans	per Pecul	0	1	0	0
Roſemalloes	ditto	3	0	0	0
Silk Stockings	per Pair	0	0	0	8
Serges	per Covid	0	0	3	0
Soap from Europe or India,	per 100 Cakes	0	1	2	0
Sharks Finns	per Pecul	0	3	0	0
Sagoe	ditto	0	2	5	0
Sweet Meats	ditto	0	5	0	0
Sugar-Candy and Sugar	ditto	0	1	0	0
Screens, large	each	0	5	0	0
Ditto ſmall	ditto	0	3	0	0
Santal Wood of all Sorts	per Pecul	0	8	5	0
Tallow	ditto	0	1	0	0
Tortoiſe-ſhell	ditto	3	0	0	0
Tin imported	ditto	0	8	0	0
Ditto exported	ditto	0	3	0	0
Vermillion (for which Native Cinnabar is always put off)	per Pecul	1	2	0	0
Velvets from England	per Piece	4	0	0	0
Wine Glaſſes of any Size	each	0	0	3	0
Wax	per Pecul	0	8	0	0

1750

TABLES reducing Troy-Weights into Canton-Weights, and Canton-Weights into Troy-Weights at 120 Oz. 16 dw. per 100 Tale, being very exact; and what are now made use of, by all Gentlemen who trade largely, in paying their Silver to the Merchants.

Penny Weights.	Mace.	Candy.	Cash.	Parts. 151
1	0	4	1	59
2	0	8	2	118
3	1	2	4	26
4	1	6	5	85
5	2	0	6	144
6	2	4	8	52
7	2	8	9	111
8	3	3	1	19
9	3	7	2	78
10	4	1	3	137
11	4	5	5	45
12	4	9	6	104
13	5	3	8	12
14	5	7	9	71
15	6	2	0	131
16	6	6	2	38
17	7	0	3	97
18	7	4	5	5
19	7	8	6	64
20	8	2	7	123

Ounces.	Tales.	Mace.	Candy.	Cash.	Parts. 151.
1	0	8	2	7	123
2	1	6	5	5	95
3	2	4	8	3	67
4	3	3	1	1	39
5	4	1	3	9	11
6	4	9	6	6	139
7	5	7	9	4	106
8	6	6	2	2	78
9	7	4	5	0	50
10	8	2	7	8	22
11	9	1	0	5	145
12	9	9	3	3	117
13	10	7	6	1	89
14	11	5	8	9	61
15	12	4	1	7	33
16	13	2	4	5	5
17	14	0	7	2	128
18	14	9	0	0	100
19	15	7	2	8	72
20	16	5	5	6	44
30	24	8	3	4	66
40	33	1	1	2	88
50	41	3	9	0	110
60	49	6	6	8	132
70	57	9	4	7	3
80	66	2	2	5	25
90	74	5	0	3	47
100	82	7	8	1	69

Ounces.	Tales.	Mace.	Candy.	Cash.	Parts.
200	165	5	6	2	138
300	248	3	4	4	56
400	331	1	2	5	125
500	413	9	0	7	43
600	496	6	8	8	112
700	579	4	7	0	30
800	662	2	5	1	99
900	745	0	3	3	17
1000	827	8	1	4	86
2000	1655	6	4	9	21
3000	2483	4	4	3	107
4000	3311	2	5	8	42
5000	4139	0	7	2	128
6000	4966	8	8	7	63
7000	5794	7	0	1	149
8000	6622	5	1	6	84
9000	7450	3	3	1	19
10,000	8278	1	4	5	105
20,000	16,556	2	9	1	59
30,000	24,834	4	3	7	13
40,000	33,112	5	8	2	118
50,000	41,390	7	2	8	72
60,000	49,668	8	7	4	26
70,000	57,947	0	1	9	131
80,000	66,225	1	6	5	85
90,000	74,503	3	1	1	39
100,000	82,781	4	5	6	144

1750

TABLES reducing Canton-Weights into Troy-Weights, and Troy-Weights into Canton-Weights, at 120 Oz. 16 dw. per 100 Tale, being very exact, and what are now made use of, by all Gentlemen who trade largely, in paying their Silver to the Merchants.

Mace.	Ounces.	Pen. Weight	Grains.	Parts. 1000
1	0	2	9	984
2	0	4	19	968
3	0	7	5	952
4	0	9	15	936
5	0	12	1	920
6	0	14	11	904
7	0	16	21	888
8	0	19	7	872
9	1	1	17	256
10	1	4	3	840

Tales.

Tale.	Ounces.	dwt.	Grains.	Parts. 100
1	1	4	3	84
2	2	8	7	68
3	3	12	11	52
4	4	16	15	36
5	6	0	19	20
6	7	4	23	4
7	8	9	2	88
8	9	13	6	72
9	10	17	10	56
10	12	1	14	40
11	13	5	18	24
12	14	9	22	8
13	15	14	1	92
14	16	18	5	76
15	18	2	9	60
16	19	6	13	44
17	20	10	17	28
18	21	14	21	12
19	22	19	0	96
20	24	3	4	80
30	36	4	19	20
40	48	6	9	60
50	60	8	0	0
60	72	9	14	40
70	84	11	4	80
80	96	12	19	20
90	108	14	9	60
100	120	16	0	0

Tales.	Ounces.	dwt.	Grains.	Parts. 100
200	241	12	0	0
300	362	8	0	0
400	483	4	0	0
500	604	0	0	0
600	724	16	0	0
700	845	12	0	0
800	966	8	0	0
900	1087	4	0	0
1000	1208	0	0	0
2000	2416	0	0	0
3000	3624	0	0	0
4000	4832	0	0	0
5000	6040	0	0	0
6000	7248	0	0	0
7000	8456	0	0	0
8000	9664	0	0	0
9000	10,872	0	0	0
10,000	12,080	0	0	0
20,000	24,160	0	0	0
30,000	36,240	0	0	0
40,000	48,320	0	0	0
50,000	60,400	0	0	0
60,000	72,480	0	0	0
70,000	84,560	0	0	0
80,000	96,640	0	0	0
90,000	108,720	0	0	0
100,000	120,800	0	0	0

BENGALL.

THE Real and Imaginary Monies that are uſed, or paſs current in the Kingdom of Bengall, are chiefly as follows, viz.

GOLD COIN.

Gold Mohurs, commonly called Gold Rupees, weigh 7 dw. 8½ gr. Engliſh Troy Weight, and ought to be 24 Carracts fine; but by the Abuſe of the Shroffs (or Minters) ſeldom exceed 23½: They paſs from 14½ to 15½ Silver Rupees, as they are more or leſs in Demand. There are likewiſe their Halves and Quarters.

SILVER COIN.

Secca Rupees, i. e. new Rupees, are Coined once a Year at at Hughly, Muxadavad, and Dacca, and, when firſt iſſued out paſs at about 18 per Cent. better than Current Rupees; at which Time all the others, i. e. the old ones, generally fall about 4 per Cent. but this Reduction, as well as the Management of the Coinage, is entirely at the Diſcretion of *Jaggatſead*, the great Banker at Muxadavad, who has the ſole Privilege of the ſame, from the great Mogul, and directs it as he pleaſes. In Calcutta, when the new Seccas are coined the Governor and Council fix the Current Price on the old Seccas, which is genrally between 14½ and 16½ per Cent. better than Current Rupees; but, in the Space of ſix or ſeven Months there is hardly an old one to be ſeen, they being, by that Time all new coined.

Madras and Bombay Rupees, coined at thoſe Places whoſe Names they bear, ought to weigh 7 dw. 11 gr. Engliſh Troy Weight, and ſhould be 14½ dw. better than Engliſh Standard: They paſs at 10 per Cent. better than Current Rupees.

Arcot

Arcot Rupees, coined at Arcot, near Fort St. George, and at Madras, are ſomewhat inferior to the Madras or Bombay Rupee, and generally paſs at 2 per Cent. leſs; which is 8 per Cent. better than Current Rupees.

Annoes, ſmall Pieces of Silver Coin; 16 of which make 1 Rupee, ought to be of the ſame fineneſs, and to weigh the one ſixteenth Part of the Rupee which they are deſigned to repreſent the Fractional Parts of: But they, or their Doubles are rarely met with in Payments.

SHELLS.

Small Sea-Shells, called Cowries are made uſe for ſmall Payments in the Baazars, and to pay Cooleys, Labourers, *&c.* and are generally reckoned in the following Manner, viz.

4 Cowries			1 Gunda.
20 Gunda	make		1 Ponn.
32 Ponn			1 Current Rupee.

But they ſometimes riſe and fall, according to the Demand there is for them, or Quantity of Cowries in the Place.

N. B. *There are likewiſe half Rupees and quarter Rupees.*

Imaginary MONIES.

Accompts at Bengall, are kept in an imaginary Coin called current Rupees, Annoes, and Pice, viz.

12 Current Pice	make	1 Current Annoe.
16 Current Annoes		1 Current Rupee.

To this Currency muſt all the real Species be reduced, before any Sum or Sums, can be regularly enter'd into a Merchant's Book or Books of Accompts; which may be done by the following Rules, viz.

To

To turn or reduce Arcot Rupees, *&c.* to Currency;

Multiply the Sum given by 108 (when they are 8 per Cent. better than Currency) and divide that Product by 100, the Quotient will be the Current Sum required.

To turn or reduce Currency to Arcot Specie.

Multiply the Sum given by 100, and divide that Product by 108, the Quotient will be the Sum in Arcot Specie required.

To turn or reduce Madras or Bombay Rupees, *&c.* to Currency;

Multiply the Sum given by 110 (when they are 10 per Cent. better than Currency) and divide that Product by 100, the Quotient will be the Current Sum required.

To turn or reduce Currency to Madras or Bombay Specie.

Multiply the Sum given by 100, and divide that Product by 110, the Quotient will be the Sum in Madras or Bombay Specie required.

In like Manner may be turned or reduced Secca Rupees to Currency, or Currency to Secca, having regard to how much they are better than Currency.

But as the Operations by these Rules are somewhat troublesome in the Hurry of Business, especially when the Sums are large, and run to Annoes and Pice; to obviate this Inconveniency, the following Batty or Batta Tables, are calculated from one Pie, to one Million of Rupees: By the help of which Tables, the Currency answering to any Number of Arcot, Madras, or Bombay Rupees, Annoes, and Pice, may be easily obtained by Addition only, and so Vice Versa.

The Uſe of the TABLES.

Example, Let it be required to turn, or reduce 2549 14 11 Arcot Specie to Currency

By the TABLES, viz.

		C. Rupee.	An.	P.
2000 Arcot Rupees are Curr. Rupees	——	2160	0	0
500 Ditto ditto are Curr. ditto	——	540	0	0
49 Ditto ditto are Curr. ditto	——	52	14	8,64
14 Arcot Annoes are Curr. Annoes	——	0	15	1,44
11 Arcot Pice are Curr. Pice	——	0	0	11,88
Anſwer in Currency		2753	14	9,96

N. B. The Imaginary Rupee, called a Current Rupee is valued at 2*s.* 3*d.* Engliſh Sterling, by the Honourable Company's Exchange.

BENGALL BATTY TABLES,

For turning or reducing Arcot PICE, ANNOES, and RUPEES, to current ditto:

Calculated from one PIE to one million of Rupees; allowing one hundred Arcot RUPEES equal to one hundred and eight current Rupees: Commonly called Batty 8 per Cent.

Arcot Pice turn'd or reduced to Currency. Batty 8 per Cent.

Arcot Pice.	Curr. Pice. Deci. Parts
1	1,08
2	2,16
3	3,24
4	4,32
5	5,40
6	6,48
7	7,56
8	8,64
9	9,72
10	10,80
11	11,88
12	12,96

Arcot Ann. turn'd or reduced to Currency. Batty 8 per Cent.

Arcot Ann.	Curr. Ann.	Curr. Pice. Deci. Parts
1	1	0,96
2	2	1,92
3	3	2,88
4	4	3,84
5	5	4,80
6	6	5,76
7	7	6,72
8	8	7,68
9	9	8,64
10	10	9,60
11	11	10,56
12	12	11,52
13	14	0,48
14	15	1,44
15	16	2,40
16	17	3,36

BENGALL BATTY TABLES.

Arcot RUPEES turned or reduced to Currency, Batty 8 per Cent.

Arc. Rupees	Cur. Rupees	Cur. Annees	Curr. Pice Deci. Parts
1	1	1	3,36
2	2	2	6,72
3	3	3	10,08
4	4	5	1,44
5	5	6	4,80
6	6	7	8,16
7	7	8	11,52
8	8	10	2,88
9	9	11	6,24
10	10	12	9,60
11	11	14	0,96
12	12	15	4,32
13	14	0	7,68
14	15	1	11,04
15	16	3	2,40
16	17	4	5,76
17	18	5	9,12
18	19	7	0,48
19	20	8	3,84
20	21	9	7,20
21	22	10	10,56
22	23	12	1,92
23	24	13	5,28
24	25	14	8,64
25	27	—	——

Arc. Rupees	Cur. Rupees	Cur. Annees	Curr. Pice Deci. Parts
26	28	1	3,36
27	29	2	6,72
28	30	3	10,08
29	31	5	1,44
30	32	6	4,80
31	33	7	8,16
32	34	8	11,52
33	35	10	2,88
34	36	11	6,24
35	37	12	9,60
36	38	14	0,96
37	39	15	4,32
38	41	0	7,68
39	42	1	11,04
40	43	3	2,40
41	44	4	5,76
42	45	5	9,12
43	46	7	0,48
44	47	8	3,84
45	48	9	7,20
46	49	10	10,56
47	50	12	1,92
48	51	13	5,28
49	52	14	8,64
50	54	—	——

BENGALL BATTY TABLES.

Arcot RUPEES turned or reduced to Currency, Batty 8 per Cent.

Arc. Rupees	Cur. Rupees	Cur. Annees	Cur. Pice Deci. Parts
51	55	1	3,36
52	56	2	6,72
53	57	3	10,08
54	58	5	1,44
55	59	6	4,80
56	60	7	8,16
57	61	8	11,52
58	62	10	2,88
59	63	11	6,24
60	64	12	9,60
61	65	14	0,96
62	66	15	4,32
63	68	0	7,68
64	69	1	11,04
65	70	3	2,40
66	71	4	5,76
67	72	5	9,12
68	73	7	0,48
69	74	8	3,84
70	75	9	7,20
71	76	10	10,56
72	77	12	1,92
73	78	13	5,28
74	79	14	8,64
75	81	—	—

Arc. Rupees	Cur. Rupees	Cur. Annees	Cur. Pice Deci. Parts
76	82	1	3,36
77	83	2	6,72
78	84	3	10,08
79	85	5	1,44
80	86	6	4,80
81	87	7	8,16
82	88	8	11,52
83	89	10	2,88
84	90	11	6,24
85	91	12	9,60
86	92	14	0,96
87	93	15	4,32
88	95	0	7,68
89	96	1	11,04
90	97	3	2,40
91	98	4	5,76
92	99	5	9,12
93	100	7	0,48
94	101	8	3,84
95	102	9	7,20
96	103	10	10,56
97	104	12	1,92
98	105	13	5,28
99	106	14	8,64
100	108	—	—

BENGALL BATTY TABLES.

Arcot RUPEES turned or reduced to current RUPEES, Batty 8 per Cent.

Arc. Rupees	*Cur. Rupees*
100	108
200	216
300	324
400	432
500	540
600	648
700	756
800	864
900	972
1000	1080
1100	1188
1200	1296
1300	1404
1400	1512
1500	1620
1600	1728
1700	1836
1800	1944
1900	2052
2000	2160
3000	3240
4000	4320
5000	5400

Arc. Rupees	*Cur. Rupees*
6000	6480
7000	7560
8000	8640
9000	9720
10000	10800
20000	21600
30000	32400
40000	43200
50000	54000
60000	64800
70000	75600
80000	86400
90000	97200
100000	108000
200000	216000
300000	324000
400000	432000
500000	540000
600000	648000
700000	756000
800000	864000
900000	972000
1000000	1080000

BENGALL BATTY TABLES,

For turning or reducing current Pice, Annoes, and Rupees, to Arcot ditto: Calculated from One Pie, to one million of Rupees; allowing one hundred Arcot Rupees equal to one hundred and eight current Rupees, commonly called Batty 8 per Cent.

Curr. Pice turn'd or reduc'd to Arcot Pice, &c. Batty at 8 per Cent.

Curr. Pice.	Arcot Pice. Deci. Parts
1	0,92
2	1,85
3	2,77
4	3,70
5	4,62
6	5,55
7	6,48
8	7,40
9	8,33
10	9,25
11	10,18
12	11,11
—	—
—	—
—	—
—	—

Curr. Ann. turn'd or reduc'd to Arcot Ann. &c. Batty 8 per Cent.

Curr. Ann.	Arcot Ann.	Arcot Pice. Deci. Parts
1	0	11,11
2	1	10,22
3	2	9,33
4	3	8,44
5	4	7,55
6	5	6,66
7	6	5,77
8	7	4,88
9	8	4 —
10	9	3,11
11	10	2,22
12	11	1,33
13	12	0,44
14	12	11,55
15	13	10,66
16	14	9,77

N. B. 1 Current Pie is equal to $0\ ^{ap.}\ ^{25}/_{27}$ of an Arcot Pie.

1 Curr. Annoe is equal to $11\ ^{1}/_{9}$ ditto

Or, 1 Current Pie is equal to 0,925925925925 ad Infinitum.

1 Curr. Annoe is equal to 11,111111111111 ditto.

BENGALL BATTY TABLES.

Current RUPEES turned or reduced to Arcot RUPEES, Batty 8 per Cent.

Cur. Rupees	Arc. Rupees	Arc. Annoes	Arc. Pice Deci. Parts
1	0	14	9,77
2	1	13	7,55
3	2	12	5,33
4	3	11	3,11
5	4	10	0,88
6	5	8	10,66
7	6	7	8,44
8	7	6	6,22
9	8	5	4 —
10	9	4	1,77
11	10	2	11,55
12	11	1	9,33
13	12	0	7,11
14	12	15	4,88
15	13	14	2,66
16	14	13	0,44
17	15	11	10,22
18	16	10	8 —
19	17	9	5,77
20	18	8	3,55
21	19	7	1,33
22	20	5	11,11
23	21	4	8,88
24	22	3	6,66
25	23	2	4,44
26	24	1	2,22
27	25	0	0 —
28	25	14	9,77
29	26	13	7,55
30	27	12	5,33
31	28	11	3,11
32	29	10	0,88
33	30	8	10,66
34	31	7	8,44
35	32	6	6,22
36	33	5	4 —
37	34	4	1,77
38	35	2	11,55
39	36	1	9,33
40	37	0	7,11
41	37	15	4,88
42	38	14	2,69
43	39	13	0,44
44	40	11	10,22
45	41	10	8 —
46	42	9	5,77
47	43	8	3,55
48	44	7	1,33
49	45	5	11,11
50	46	4	8,88

N. B. 1 Curr. Rupee is equal to ar. 0 an. 14 pice $9\frac{7}{9}$ of an Arcot Pie.

Or, 1 Curr. Rupee is equal to 0 14 9,777777777 ad infinitum.

BENGALL BATTY TABLES.

Current RUPEES turned or reduced to Arcot RUPEES, &c.
Batty 8 per Cent.

Cur. Rupees	Arc. Rupees	Arc. Annas.	Arcot Pice Deci. Parts	Cur. Rupees	Arc. Rupees	Arc. Annas	Arcot Pice Deci. Parts
51	47	3	6,66	76	70	5	11,11
52	48	2	4,44	77	71	4	8,88
53	49	1	2,22	78	72	3	6,66
54	50	0	0 —	79	73	2	4,44
55	50	14	9,77	80	74	1	2,22
56	51	13	7,55	81	75	0	0 —
57	52	12	5,33	82	75	14	9,77
58	53	11	3,11	83	76	13	7,55
59	54	10	0,88	84	77	12	5,33
60	55	8	10,66	85	78	11	3,11
61	56	7	8,44	86	79	10	0,88
62	57	6	6,22	87	80	8	10,66
63	58	5	4 —	88	81	7	8,44
64	59	4	1,77	89	82	6	6,22
65	60	2	11,55	90	83	5	4 —
66	61	1	9,33	91	84	4	1,77
67	62	0	7,11	92	85	2	11,55
68	62	15	4,88	93	86	1	9,33
69	63	14	2,66	94	87	0	7,11
70	64	13	0,44	95	87	15	4,88
71	65	11	10,22	96	88	14	2,66
72	66	10	8 —	97	89	13	0,44
73	67	9	5,77	98	90	11	10,22
74	68	8	3,55	99	91	10	8 —
75	69	7	1,33	100	92	9	5,77

ar. an. pice.

N. B. 100 Current Rupees are equal to 92 9 $5\frac{7}{9}$ of an Arcot Pie.

Or, 100 Current Rupees are equal to 92 9 5,777777777 ad Infinitum.

BENGALL BATTY TABLES.

Current RUPEES turned or reduced to Arcot RUPEES, &c. Batty 8 per Cent.

Cur. Rupees	Arc. Rupees	Arc. Annoes	Arcot Pice Deci. Parts	Cur. Rupees	Arc. Rupees	Arc. Annoes	Arcot Pice. Deci. Parts
100	92	9	5,77	6000	5555	8	10,66
200	185	2	11,55	7000	6481	7	8,44
300	277	12	5,33	8000	7407	6	6,22
400	370	5	11,11	9000	8333	5	4 —
500	462	15	4,88	10000	9259	4	1,77
600	555	8	10,66	20000	18518	8	3,55
700	648	2	4,44	30000	27777	12	5,33
800	740	11	10,22	40000	37037	0	7,11
900	833	5	4 —	50000	46296	4	8,88
1000	925	14	9,77	60000	55555	8	10,66
1100	1018	8	3,55	70000	64814	13	0,44
1200	1111	1	9,33	80000	74074	1	2,22
1300	1203	11	3,11	90000	83333	5	4 —
1400	1296	4	8,88	100000	92592	9	5,77
1500	1388	14	2,66	200000	185185	2	11,55
1600	1481	7	8,44	300000	277777	12	5,33
1700	1574	1	2,22	400000	370370	5	11,11
1800	1666	10	8 —	500000	462962	15	4,88
1900	1759	4	1,77	600000	555555	8	10,66
2000	1851	13	7,55	700000	648148	2	4,44
3000	2777	12	5,33	800000	740740	11	10,22
4000	3703	11	3,11	900000	833333	5	4 —
5000	4629	10	0,88	1000000	925925	14	9,77

N. B. In the preceding Tables, for turning or reducing Current Pice, Annoes, and Rupees, to Arcot ditto, are inserted in the Columns of Arcot Pice, only the two first Decimal Parts of an Arcot Pice, they being sufficiently near for any common Calculation.

BENGALL BATTY TABLES,

For turning or reducing Madras PICE, ANNOES, and RUPEES, to current ditto:

Calculated from one PIE to one million of Rupees; allowing one hundred Madras RUPEES equal to one hundred and ten current Rupees: Commonly called Batty 10 per Cent.

Madr. Pice turn'd or reduced to Currency. Batty 10 per Cent.		
Madr. Pice		*Curr. Pice. Deci. Parts*
1	—	1,1
2	—	2,2
3	—	3,3
4	—	4,4
5	—	5,5
6	—	6,6
7	—	7,7
8	—	8,8
9	—	9,9
10	—	11 -
11	—	12,1
12	—	13,2
—	—	—
—	—	—
—	—	—
—	—	—

Madr. Ann. turn'd or reduced to Currency. Batty 10 per Cent.		
Mad. Ann	*Curr. Ann.*	*Curr. Pice. Deci. Parts*
1	1	1,2
2	2	2,4
3	3	3,6
4	4	4,8
5	5	6 -
6	6	7,2
7	7	8,4
8	8	9,6
9	9	10,8
10	11	0 -
11	12	1,2
12	13	2,4
13	14	3,6
14	15	4,8
15	16	6 -
16	17	7,2

BENGALL BATTY TABLES.

Madras RUPEES turned or reduced to Currency, Batty 10 per Cent.

Madr. Rup.	Cur. Rupees	Cur Annees	Cur. Pice Deci. Parts
1	1	1	7,2
2	2	3	2,4
3	3	4	9,6
4	4	6	4,8
5	5	8	0 -
6	6	9	7,2
7	7	11	2,4
8	8	12	9,6
9	9	14	4,8
10	11	0	0 -
11	12	1	7,2
12	13	3	2,4
13	14	4	9,6
14	15	6	4,8
15	16	8	0 -
16	17	9	7,2
17	18	11	2,4
18	19	12	9,6
19	20	14	4,8
20	22	0	0 -
21	23	1	7,2
22	24	3	2,4
23	25	4	9,6
24	26	6	4,8
25	27	8	0 -

Madr. Rup.	Cur. Rupees	Cur. Annees	Curr. Pice Deci. Parts
26	28	9	7,2
27	29	11	2,4
28	30	12	9,6
29	31	14	4,8
30	33	0	0 -
31	34	1	7,2
32	35	3	2,4
33	36	4	9,6
34	37	6	4,8
35	38	8	0 -
36	39	9	7,2
37	40	11	2,4
38	41	12	9,6
39	42	14	4,8
40	44	0	0 -
41	45	1	7,2
42	46	3	2,4
43	47	4	9,6
44	48	6	4,8
45	49	8	0 -
46	50	9	7,2
47	51	11	2,4
48	52	12	9,6
49	53	14	4,8
50	55	0	0 -

BENGALL BATTY TABLES.

Madras RUPEES turned or reduced to Currency, Batty 10 per Cent.

Madr. Rup.	Cur. Rupees	Cur. Annoes	Cur. Pice Deci. Parts
51	56	1	7,2
52	57	3	2,4
53	58	4	9,6
54	59	6	4,8
55	60	8	0 -
56	61	9	7,2
57	62	11	2,4
58	63	12	9,6
59	64	14	4,8
70	66	0	0 -
61	67	1	7,2
62	68	3	2,4
63	69	4	9,6
64	70	6	4,8
65	71	8	0 -
66	72	9	7,2
67	73	11	2,4
68	74	12	9,6
69	75	14	4,8
60	77	0	0 -
71	78	1	7,2
72	79	3	2,4
73	80	4	9,6
74	81	6	4,8
75	82	8	0 -

Madr. Rup.	Cur. Rupees	Cur. Annoes	Curr. Pice Deci. Parts
76	83	9	7,2
77	84	11	2,4
78	85	12	9,6
79	86	14	4,8
80	88	0	0 -
81	89	1	7,2
82	90	3	2,4
83	91	4	9,6
84	92	6	4,8
85	93	8	0 -
86	94	9	7,2
87	95	11	2,4
88	96	12	9,6
89	97	14	4,8
90	99	0	0 -
91	100	1	7,2
92	101	3	2,4
93	102	4	9,6
94	103	6	4,8
95	104	8	0 -
96	105	9	7,2
97	106	11	2,4
98	107	12	9,6
99	108	14	4,8
100	110	0	0 -

BENGALL BATTY TABLES.

Madras RUPEES turned or reduced to current RUPEES, Batty 10 per Cent.

Mad. Rup.	Cur. Rupees	Madr. Rup.	Cur. Rupees
100	110	6000	6600
200	220	7000	7700
300	330	8000	8800
400	440	9000	9900
500	550	10000	11000
600	660	20000	22000
700	770	30000	33000
800	880	40000	44000
900	990	50000	55000
1000	1100	60000	66000
1100	1210	70000	77000
1200	1320	80000	88000
1300	1430	90000	99000
1400	1540	100000	110000
1500	1650	200000	220000
1600	1760	300000	330000
1700	1870	400000	440000
1800	1980	500000	550000
1900	2090	600000	660000
2000	2200	700000	770000
3000	3300	800000	880000
4000	4400	900000	990000
5000	5500	1000000	1100000

N. B. Madras and Bombay Rupees are { Engliſh 11 oz. 16 dw. 12 gr. fine Silver to 1lb. Troy
India Matt 9 7/8
China Touch 98 1/2

Conſequently 14 1/2 dw. better than Engliſh Standard, and 1 Rupee ought to weigh 7 dw. 11 gr. Engliſh Troy Weight.

BENGALL BATTY TABLES,

For turning or reducing current Pice, Annoes, and Rupees, to Madras ditto: Calculated from One Pie, to one million of Rupees; allowing one hundred Madras Rupees equal to one hundred and ten current Rupees, commonly called Batty 10 per Cent.

Curr. Pice turn'd or reduc'd to Mad. Pice, Batty 10 per Cent.

Madr. Pice	Curr. Pice. Deci. Parts
1	0,90
2	1,81
3	2,72
4	3,63
5	4,54
6	5,45
7	6,36
8	7,27
9	8,18
10	9,09
11	10 —
12	10,90
—	—
—	—
—	—
—	—

Curr. Ann. turn'd or reduc'd to Madr. Ann. Batty 10 per Cent.

Mad. Ann.	Curr. Ann.	Curr. Pice. Deci. Parts
1	0	10,90
2	1	9,81
3	2	8,72
4	3	7,63
5	4	6,54
6	5	5,45
7	6	4,36
8	7	3,27
9	8	2,18
10	9	1,09
11	10	0 —
12	10	10,90
13	11	9,81
14	12	8,72
15	13	7,63
16	14	6,54

N. B. 1 Current Pie is equal to $0\frac{10}{11}$ *mp.* of a Madras Pie.

1 Curr. Annoe is equal to $10\frac{10}{11}$ ditto.

1 Current Pie is equal to 0,909090909090 ad Infinitum.

Or, 1 Curr. Annoe is equal to 10,909090909090 ditto.

BENGALL BATTY TABLES.

Current RUPEES turned or reduced to Madras RUPEES, &c. Batty 10 per Cent.

Cur. Rupees	Madr. Rup.	Madr. Ann.	Madr. Pice Deci. Parts	Cur. Rupees	Madr. Rup.	Madr. Ann.	Madr. Pice Deci. Parts
1	0	14	6,54	26	23	10	2,18
2	1	13	1,09	27	24	8	8,72
3	2	11	7,63	28	25	7	3,27
4	3	10	2,18	29	26	5	9,81
5	4	8	8,72	30	27	4	4,36
6	5	7	3,27	31	28	2	10,90
7	6	5	9,81	32	29	1	5,45
8	7	4	4,36	33	30	0	0 —
9	8	2	10,90	34	30	14	6,54
10	9	1	5,45	35	31	13	1,09
11	10	0	0 —	36	32	11	7,63
12	10	14	6,54	37	33	10	2,18
13	11	13	1,09	38	34	8	8,72
14	12	11	7,63	39	35	7	3,27
15	13	10	2,18	40	36	5	9,81
16	14	8	8,72	41	37	4	4,36
17	15	7	3,27	42	38	2	10,90
18	16	5	9,81	43	39	1	5,45
19	17	4	4,36	44	40	0	0 —
20	18	2	10,90	45	40	14	6,54
21	19	1	5,45	46	41	13	1,09
22	20	0	0 —	47	42	11	7,63
23	20	14	6,54	48	43	10	2,18
24	21	13	1,09	49	44	8	8,72
25	22	11	7,63	50	45	7	3,27

mr. a. pice.

N. B. 1 Current Rupee is equal to 0 14 $6\frac{6}{11}$ of a Madras Pie.

Or, 1 Current Rupee is equal to 0 14 6,5454545444 ad Infinitum.

BENGALL BATTY TABLES.

Current RUPEES turned or reduced to Madras RUPEES, &c. Batty 10 per Cent.

Curr. Rup.	Madr. Rup.	Madr. Ann	Madr. Pice Deci. Parts
51	46	5	9,81
52	47	4	4,36
53	48	2	10,90
54	49	1	5,45
55	50	0	0 —
56	50	14	6,54
57	51	13	1,09
58	52	11	7,63
59	53	10	2,18
60	54	8	8,72
61	55	7	3,27
62	56	5	9,81
63	57	4	4,36
64	58	2	10,90
65	59	1	5,45
66	60	0	0 —
67	60	14	6,54
68	61	13	1,09
69	62	11	7,63
70	63	10	2,18
71	64	8	8,72
72	65	7	3,27
73	66	5	9,81
74	67	4	4,36
75	68	2	10,90
76	69	1	5,45
77	70	0	0 —
78	70	14	6,54
79	71	13	1,09
80	72	11	7,63
81	73	10	2,18
82	74	8	8,72
83	75	7	3,27
84	76	5	9,81
85	77	4	4,36
86	78	2	10,90
87	79	1	5,45
88	80	0	0 —
89	80	14	6,54
90	81	13	1,09
91	82	11	7,63
92	83	10	2,18
93	84	8	8,72
94	85	7	3,27
95	86	5	9,81
96	87	4	4,36
97	88	2	10,90
98	89	1	5,45
99	90	0	0 —
100	90	14	6,54

mr. a. pice.

N. B. 100 Curr. Rupees are equal to 90 14 $6\frac{6}{11}$ of a Madras Pie.

Or, 100 Curr. Rupees are equal to 90 14 6,5454545454 ad Infinitum.

BENGALL BATTY TABLES.

Current RUPEES turned or reduced to Madras RUPEES, &c.
Batty 10 per Cent.

Cur. Rupees	Madr. Rup.	Madr. Ann.	Madr. Pice Deci. Parts
100	90	14	6,54
200	181	13	1,09
300	272	11	7,63
400	363	10	2,18
500	454	8	8,72
600	545	7	3,27
700	636	5	9,81
800	727	4	4,36
900	818	2	10,90
1000	909	1	5,45
1100	1000	0	0 —
1200	1090	14	6,54
1300	1181	13	1,09
1400	1272	11	7,63
1500	1363	10	2,18
1600	1454	8	8,72
1700	1545	7	3,27
1800	1636	5	9,81
1900	1727	4	4,36
2000	1818	2	10,90
3000	2727	4	4,45
4000	3636	5	9,81
5000	4545	7	3,27

Cur. Rupees	Madr Rup	Mad. Ann.	Madr. Pice Deci. Parts
6000	5454	8	8,72
7000	6363	10	2,18
8000	7272	11	7,63
9000	8181	13	1,09
10000	9090	14	6,54
20000	18181	13	1,09
30000	27272	11	7,63
40000	36363	10	2,18
50000	45454	8	8,72
60000	54545	7	3,27
70000	63636	5	9,81
80000	72727	4	4,36
90000	81818	2	10,90
100000	90909	1	5,45
200000	181818	2	10,90
300000	272727	4	4,36
400000	363636	5	9,81
500000	454545	7	3,27
600000	545454	8	8,72
700000	636363	10	2,18
800000	727272	11	7,63
900000	818181	13	1,09
1000000	909090	14	6,54

N. B. In the preceding Tables, for turning or reducing Current Pice, Annees, and Rupees, to Madras ditto, are inserted in the Columns of Madras Pice, only the two first Decimal Parts of a Madras Pie, they being sufficiently near for any common Calculation. . .

The following Coins produce in Madras Mint, as under, accounting the Madras Rupee to weigh 7 dw. and 11 gr. Eng. Troy wt. and 14½ dw. better than Eng. Standard: The Charge of Coinage to the Hon. Company, being 15 per Mill, and Cuſtom and Coinage to the Merchants, 30 per Mill, viz.

COINS.	ASSAY.	Eng. Troy Wt.	Hon. Comp.			Merch.		
			Rup.	An.	P	Rup.	An.	P
Six Shakee Pieces	15½ dw. better than Eng. Stand.	100 oz. produce	265	4	0	261	3	5
Nadarees	14½ dw. ditto	ditto	264	2	2	260	1	10
Ducatoons	4½ dw. ditto	ditto	249	15	1	246	2	3
Engliſh Crowns	Engliſh Standard	ditto	244	15	9	241	4	1
French Crowns	Ditto	ditto	244	15	9	241	4	1
Old Pillar Dollars	Ditto	ditto	244	15	9	241	4	1
Old Mexico Dollars	2 dw. worſe than Eng. Stand.	dittto	242	12	6	239	1	4
New Pillar Dollars	2½ dw. ditto	ditto	242	3	8	238	8	8
New Mexico Dollars	3 dw. ditto	ditto	241	10	10	238	0	0
Goa Pardoes	3 dw. ditto	ditto	241	10	10	238	0	0
German Dollars	12 dw. ditto	ditto	231	12	0	228	3	6
Lyon Dollars	2 oz. 5 dw. ditto	ditto	195	5	2	192	5	7
Zelotas and Piaſters	4 oz. 12 dw. ditto	ditto	142	11	0	140	8	3

The Price paid the Hon. Company, by the Mint Undertakers at Bombay, for 100 Ounces Engliſh Troy Weight, of the following Species, clear of all Charges: Allowing the Rupee to weigh 7 dw. 11 gr. Engliſh Troy Weight, and to be 14½ dw. better than Engliſh Standard, viz.

SPECIES of COIN.	Rup.	Q.	R.
Ducatoons - - - - - - - - - - per 100 Oz. - -	249	2	26
Engliſh Crowns - - - - - - - - ditto - - - - -	245	1	37
Old Pillar Dollars - - - - - - - ditto - - - - -	247	1	39
Old Mexico Dollars - - - - - - ditto - - - - -	244	3	16
New Pillar Dollars - - - - - - ditto - - - - -	244	1	39
New Mexico Dollars - - - - - ditto - - - - -	243	2	28
Roſe Dollars - - - - - - - - - ditto - - - - -	242	3	38
New Philip Dollars - - - - - - ditto - - - - -	242	1	83
Cruſadoes - - - - - - - - - - - ditto - - - - -	239	2	48
German Crowns - - - - - - - - ditto - - - - -	232	2	41
Old Abaſſes - - - - - - - - - - ditto - - - - -	232	2	41
Old Philip Dollars - - - - - - - ditto - - - - -	217	1	9
Lyon Dolars - - - - - - - - - - ditto - - - - -	195	1	41
Mamoodys - - - - - - - - - - - ditto - - - - -	167	2	42
Piaſters - - - - - - - - - - - - ditto - - - - -	141	0	0
Zelotas - - - - - - - - - - - - ditto - - - - -	140	2	78

N. B. To know what 100 Ounces, Eng. Troy Weight, yields a Company's Servant or Europe Commander, deduct 1½ per Cent. which is the coinage Duty; and for all others 2½ per Cent.

FINIS.